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[54] **SYSTEM AND METHOD FOR PERFORMING AN ACTION ON A STRUCTURE IN COMPUTER-GENERATED DATA**

[75] Inventors: **James R. Miller**, Mountain View; **Thomas Bonura**, Capitola; **Bonnie Nardi**, Mountain View; **David Wright**, Santa Clara, all of Calif.

[73] Assignee: **Apple Computer, Inc.**, Cupertino, Calif.

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[52] **U.S. Cl.** **704/9**; 704/1

[58] **Field of Search** 704/1, 7, 9–10, 704/243; 707/513, 101–104

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Primary Examiner—Forester W. Isen

Assistant Examiner—Patrick N. Edouard

Attorney, Agent, or Firm—Carr & Ferrell LLP

[57] **ABSTRACT**

A system and method causes a computer to detect and perform actions on structures identified in computer data. The system provides an analyzer server, an application program interface, a user interface and an action processor. The analyzer server receives from an application running concurrently data having recognizable structures, uses a pattern analysis unit, such as a parser or fast string search function, to detect structures in the data, and links relevant actions to the detected structures. The application program interface communicates with the application running concurrently, and transmits relevant information to the user interface. Thus, the user interface can present and enable selection of the detected structures, and upon selection of a detected structure, present the linked candidate actions. Upon selection of an action, the action processor performs the action on the detected structure.

24 Claims, 10 Drawing Sheets